

ABSTRACT OF THE DISCLOSURE

5 A wireless digital launch or firing system has a
transmitter unit that can transmit separate RF signals representing
an "enable" code sequence and an "actuate" code sequence, and a
receiver unit which decodes the "enable" code sequence to enable
10 receipt of the "actuate" code sequence, and decodes the "actuate"
code sequence to actuate launching or firing. A digital processor
receives the code sequences from a receiver circuit and compares them
to stored digital code sequences. A memory latch maintains a
normally-off primary switch in an "on" condition when the "enable"
signal is received. A normally-off secondary switch is set to an
15 "on" condition when the "actuate" signal is received. Preferably,
the RF signals are transmitted in pulse code form, and the code
sequences include bits that are predetermined and stored in the
hardware, bits that are selected for an individual code by the user,
and bits that differentiate the "enable" from the "actuate" signal.
20 The memory latch can be set to an indefinite "enable" period, for
multiple launchings, or a timed "enable" period, for toys or single
launch devices. A sequencer module can be coupled to the receiver
unit for sequenced firings.